

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,489,107 B2  
APPLICATION NO. : 10/517674  
DATED : February 10, 2009  
INVENTOR(S) : Tom Hartley et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

This certificate supersedes the Certificate of Correction issued September 15, 2009. The certificate should be vacated since the Certificate of Correction consists of errors to be corrected that does not correspond to text in printed patent. The corrections should appear as follows:

Col. 32, Claim 1, lines 23-24: Change “hybrid cell model approach” to “hybrid cell-modeling approach”

Col. 32, Claim 3, lines 50-51: Change “hybrid cell model approach” to “hybrid cell-modeling approach”

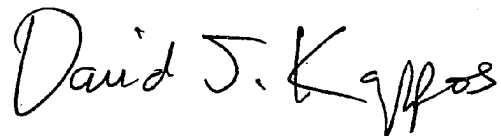
Col. 33, Claim 8, line 22: Change “and aid estimated” to “and an estimated”

Col. 34, Claim 11, lines 18-19: Change “hybrid cell model approach” to “hybrid cell-modeling approach”

Col. 34, Claim 12, lines 20-21: Change “hybrid cell model approach” to hybrid cell-modeling approach”

Signed and Sealed this

Eighth Day of December, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*